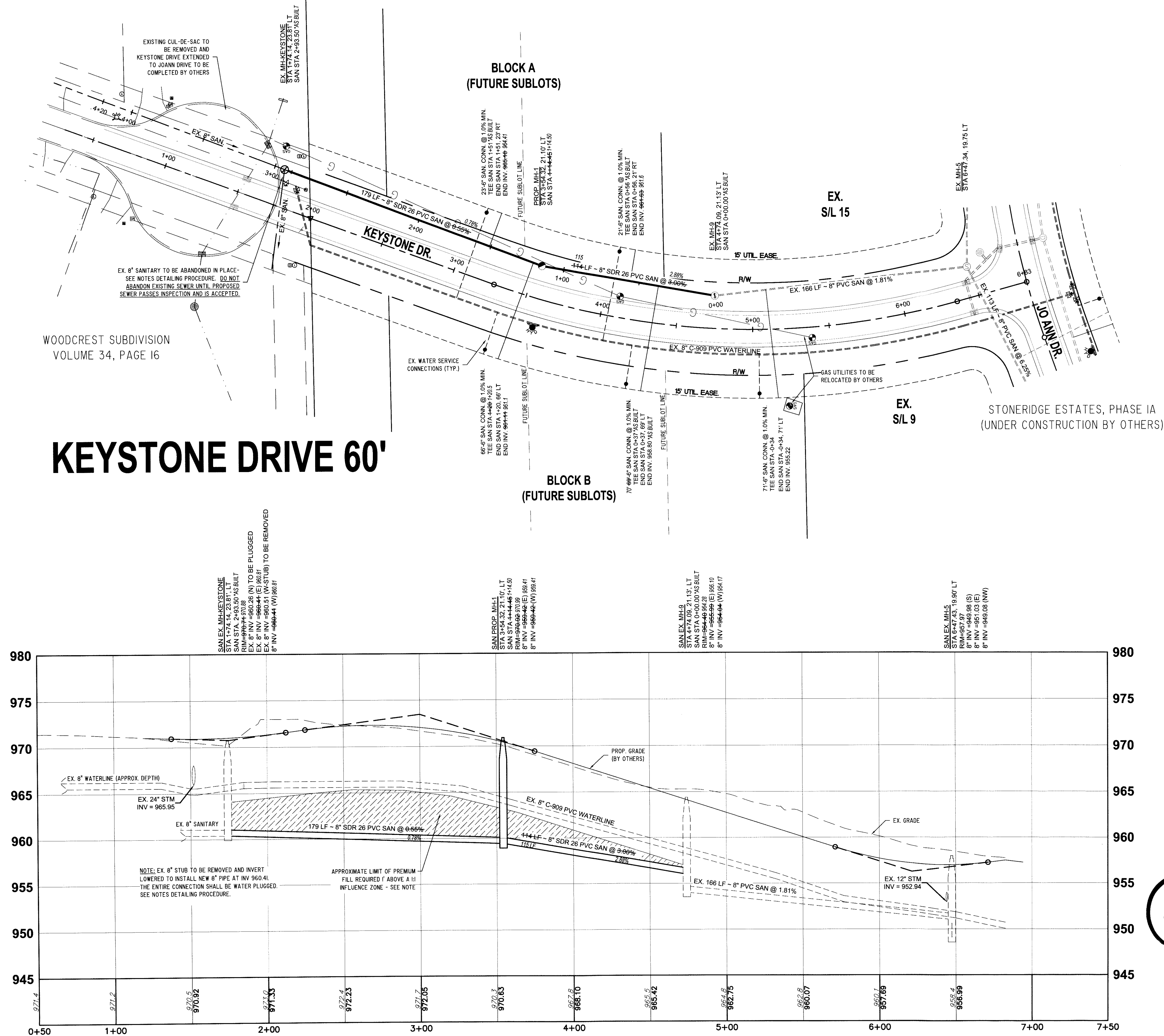


**Barrington**  
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**SANITARY SEWER EXTENSION**  
KEYSTONE DRIVE  
CONCORD TOWNSHIP - LAKE COUNTY - OHIO

**PLAN AND PROFILE - AS BUILT**

DRAWN <b>LKS</b>	
CHECKED <b>DWN</b>	
DATE <b>DEC. 30, 2014</b>	
SCALE <b>H:1"= 30' V: 1"=5'</b>	
JOB NO. <b>12046</b>	
SHEET <b>2/3</b>	
OF	SHEETS



NOTES:

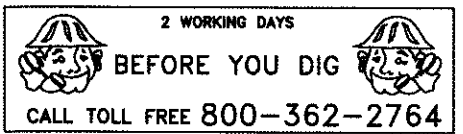
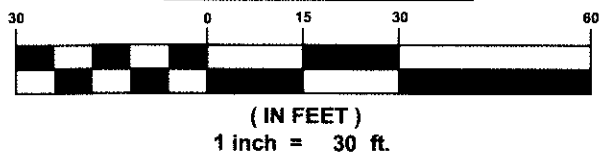
THIS PROJECT INCLUDES THE EXTENSION OF THE SANITARY SEWER LINE ALONG KEYSTONE DRIVE. THE EXISTING CUL-DE-SAC NEAR STA. 1+00 WILL BE REMOVED AND KEYSTONE WILL BE EXTENDED TO JO ANN DRIVE BY OTHERS AS PART OF STONERIDGE ESTATES PHASE 1A. NON-SANITARY SEWER IMPROVEMENTS SHOWN ALONG KEYSTONE DRIVE DESIGNATED AS EXISTING SHALL BE COMPLETED ALONG WITH THE EXTENSION OF KEYSTONE DRIVE AND WILL EITHER BE EXISTING OR UNDER CONSTRUCTION AT THE TIME OF THE START OF CONSTRUCTION FOR THE SANITARY EXTENSION. THE PROPOSED SANITARY CANNOT BEGIN CONSTRUCTION UNTIL THE PREVIOUSLY APPROVED PROPOSED SANITARY HAS COMPLETED CONSTRUCTION AND PASSED TESTING.

PROCEDURE FOR CONNECTION AND ABANDONMENT OF SANITARY SEWER:

1. LOWER EXISTING INVERT TO THE WEST TO ELEV. 960.41.
2. INSTALL PROPOSED NEW SANITARY LINE AND MANHOLE. NEW SANITARY IS TO BE INSPECTED AND ACCEPTED BY THE LAKE COUNTY UTILITIES DEPARTMENT.
3. CUT OFF EXISTING SANITARY PIPE TO THE NORTH AND PROVIDE A WATER TIGHT PLUG AT THE END OF THE PIPE. PIPE TO BE ABANDONED IN PLACE.
4. IN MANHOLE, REMOVE STUB TO THE NORTH AND PROVIDE A WATER TIGHT PLUG IN THE EXISTING HOLE.
5. RE-WORK TROUGHS WITHIN THE MANHOLE TO ALLOW FLOW TO THE WEST AND EMINENT FLOW TO THE NORTH.
6. THURO-SEAL LOWER 1' OF THE INTERIOR OF THE MANHOLE.



### GRAPHIC SCALE



NON-MEMBERS MUST BE CONTACTED DIRECTLY

THE LOCATION BOTH HORIZONTAL AND VERTICAL OF THE EXISTING UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY A DILIGENT AND COMPREHENSIVE SEARCH OF AVAILABLE RECORDS. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED WHERE PRACTICAL, HOWEVER, BARRINGTON CONSULTING GROUP, INC. DOES NOT GUARANTEE THE COMPLETENESS, NOR ACCURACY THEREOF.

PREMIUM FILL

PIPE BACKFILL UNDER PAVEMENT,  
STRUCTURES, OR WITHIN A 1:1 ZONE OF  
INFLUENCE PARALLEL OR TRANSVERSE TO  
PAVEMENT & STRUCTURES SHALL BE NO.  
1 LIME STONE, 10-12" ABOVE TOP  
OF PIPE. REMAINING TRENCH BACKFILL  
UNDER PAVEMENT & STRUCTURES OR  
WITHIN A 1:1 ZONE OF INFLUENCE  
PARALLEL OR TRANSVERSE TO PAVEMENT  
& STRUCTURES SHALL BE: OPTION 1:  
O.D.O.T. ITEM NO. 613, TYPE 1 LOW  
STRENGTH MORTAR BACKFILL TO 1" ABOVE  
THE INTERSECTION OF THE 1:1 ZONE OF  
INFLUENCE WITH THE TRENCH. THE  
TRENCH, OPTION 2: NO. 10 LIMESTONE  
COMPACTED WITH A VIBRATORY PLATE  
COMPACTOR IN 6" LIFTS TO 1" ABOVE THE  
INTERSECTION OF THE 1:1 ZONE OF  
INFLUENCE LINE WITH THE EDGE OF THE  
TRENCH. THE MINIMUM COMPACTION  
REQUIREMENT SHALL CONFORM TO ODOT  
STANDARD. NO COMPACTION TESTS SHALL  
BE PERFORMED BY A GEOTECHNICAL ENGINEER  
AT THE CONTRACTOR'S EXPENSE. OPTION  
3: ONSITE MATERIAL MEETING THE  
GEOTECHNICAL ENGINEER'S  
RECOMMENDATIONS AND TESTING.

**12046**